

20011210.qrp v02_n401.qrl.20011210

Date: Mon, 10 Dec 2001 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2401

QRP-L Digest 2401

Topics covered in this issue include:

- 1) [114398] Re: [114360] Re: Vintage QRP
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 2) [114399] AL7FS - A Summary of Operations at KL7Y (long)
by Jim Larsen AL7FS <AL7FS@ARRL.NET>
- 3) [114400] Re: GB> Vintage QRP
by "George, W5YR" <w5yr@att.net>
- 4) [114401] FOX: W8KC Foxhunt Final Log
by "Paul R. Valko" <prvalko@oakland.edu>
- 5) [114402] FINAL PRICE REDUCTION: MFJ QRP Rigs
by NV9Z@aol.com
- 6) [114403] Tube Type QRP...
by "Bruce Hopkins - kl7h@arrl.net - or" <makai@makai.org>
- 7) [114404] Vintage QRP - WOW! What a Response
by "Richard H. Arland" <rarland@earthlink.net>
- 8) [114405] homebrew
by Dave Pomeroy <dave@dpomeroy.com>
- 9) [114406] Re: [Elmer 101] SW-20+ "Audio IC" Question..
by "James R. Duffey" <jamesd1@flash.net>
- 10) [114407] TEST....
by N10DL@aol.com
- 11) [114408] Re: Coax Antenna Question
by "James R. Duffey" <jamesd1@flash.net>
- 12) [114409] Weekend Fun
by Imk9is@aol.com
- 13) [114410] WTD: Manual/Schematic for Lowe HF-225 SW receiver
by Dave Redfearn <n4elm@attbi.com>
- 14) [114411] Re: Tube QRP
by w4bws@juno.com
- 15) [114412] Re: Tube Type QRP...
by "blinn" <blinn@smgazette.com>
- 16) [114413] 160m Results / Antenna
by "Adrian Weiss" <aweiss@usd.edu>
- 17) [114414] Re: GB> Vintage QRP
by "Rob Matherly" <kc0bom@arrl.net>
- 18) [114415] FS:DSW 40
by "T.W." <wb5qyt@abq.com>
- 19) [114416] FS: 49er

- by "T.W." <wb5qyt@abq.com>
- 20) [114417] RE: Vintage QRP
by "Dennis Payton" <dpayton@fwi.com>
- 21) [114418] FS: 38-S
by "T.W." <wb5qyt@abq.com>
- 22) [114419] Vintage Qrp
by "T.W." <wb5qyt@abq.com>
- 23) [114420] Construction articles and PE's recent Pyramid Issue
by MARSHALL MONTCHALIN <teknetron@yahoo.com>
- 24) [114421] Re: Construction articles and PE's recent Pyramid Issue
by "Rob Matherly" <kc0bom@arrl.net>
- 25) [114422] Re: Construction articles and PE's recent Pyramid Issue
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [114423] Any VLF beacon operators?
by "John Harper AE5X" <ae5x@qsl.net>
- 27) [114424] Re: CQ NV CQ NV
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 28) [114425] Re: homebrew
by K5BDZ@aol.com
- 29) [114426] [Elmer 101] Next installment
by Mike Maiorana <mikemo@attglobal.net>
- 30) [114427] 80 osc/tx
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 31) [114428] Re: N4RT Windom
by thomasr2@gdls.com
- 32) [114429] Re: [fpqrp] IM Madness!
by "Mike Boatright" <ko4wx@mindspring.com>
- 33) [114430] Address for Rev. George Dobbs G3RJV
by "Carter Craigie N3AO" <n3ao@bee.net>
- 34) [114431] Re: [fpqrp] IM Madness!
by wb0wao@hotmail.com (Dennis Ponsness)
- 35) [114432] Re: [fpqrp] IM Madness!
by "w8diz" <w8diz@fpqrp.com>
- 36) [114433] FS: RIGS SOLD
by "T.W." <wb5qyt@abq.com>
- 37) [114434] Re: [fpqrp] IM Madness!
by wb0wao@hotmail.com (Dennis Ponsness)
- 38) [114435] Re: [fpqrp] IM Madness!
by Macstein@aol.com
- 39) [114436] g3rjv
by William R Colbert <w5xe@juno.com>
- 40) [114437] FS:SW-30+ (Assembled)
by Doc <70511.3041@compuserve.com>
- 41) [114438] Re: [fpqrp] IM Madness!
by "George, W5YR" <w5yr@att.net>
- 42) [114439] Re: Speaking of 9 volt batteries
by Bill Coleman <aa4lr@arrl.net>
- 43) [114440] Re: Speaking of 9 volt batteries

by "Mike Yetsko" <myetsko@insydesw.com>

44) [114441] FS: Yaesu FT-817
by DennisKT5D@aol.com

45) [114442] Re: Fox: N6WG Final Log
by "Bob Tellefsen" <n6wg@earthlink.net>

46) [114443] Re: Coax Antenna Question
by "Phinizy, William" <wphinizy@filenet.com>

47) [114444] OT: Cornwall celebrates Marconi milestone
by "Mike Boatright" <ko4wx@mindspring.com>

48) [114445] Mosfet KP902b
by "Brice D. Hornback" <bdh@cyberbound.net>

49) [114446] KI6DS Computer dies Sunday
by "Doug Hendricks" <ki6ds@dph.dpol.net>

50) [114447] 160M
by W2AGN <w2agn@pobox.com>

51) [114448] AOL BUGS????? NEED HELP
by IamSF5@aol.com

52) [114449] GDO I know of...
by "Ed Tanton" <n4xy@att.net>

53) [114450] Altoids tin dimensions?
by David Hinerman <WD8CIV@worldnet.att.net>

54) [114451] HB: Speaking of vintage tube qrp.....a couple of stocking
stuffers!
by "Rex Harper" <w1rex@megalink.net>

55) [114452] Re: Coax Antenna Question
by "Mike Boatright" <ko4wx@mindspring.com>

56) [114453] Re: Altoids tin dimensions?
by David Hinerman <WD8CIV@worldnet.att.net>

57) [114454] Re: Altoids tin dimensions?
by euraamcom pages <mel@euramcom.freemove.co.uk>

58) [114455] Re: 160M QRP Times/Frequency?
by Bill Coleman <aa4lr@arrl.net>

59) [114456] Little boxes on the hillside
by David Hinerman <WD8CIV@worldnet.att.net>

60) [114457] Re: Little boxes on the hillside
by Michael Fletcher <kl7ixi@yahoo.com>

61) [114458] Re: [fpqrp] IM Madness!
by "Mike Boatright" <ko4wx@mindspring.com>

62) [114459] Re: Altoids tin dimensions?
by "Karl F. Larsen" <k5di@zianet.com>

63) [114460] Re: HB: Speaking of vintage tube qrp, a couple of further thoughts
by Bruce Muscolino <w6toy@erols.com>

64) [114461] The Links of the Week
by "Rich Dailey, KA80KH" <okh.npi@gte.net>

65) [114462] First contact
by <jfox6@houston.rr.com>

66) [114463] HB: antique tubes & sockets
by "Rex Harper" <w1rex@megalink.net>

67) [114464] HB: antique tubes....reformatted
by "Rex Harper" <wlrex@megalink.net>

Date: Sun, 9 Dec 2001 19:39:11 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-l@Lehigh.EDU
Subject: [114398] Re: [114360] Re: Vintage QRP
Message-ID: <200112100039.fBA0dBC02413@panix2.panix.com>

Speaking of "vintage QRP"- before I actually had a license, probably 1963 or 64, I built a single tube transmitter from an article in some magazine or other. It used a Compactron version of a 6146 and a VR tube. I built it very small (for the time) substituting a 105V (?) Zener for the VR tube. It used a plugin coil.

Now the question, does anyone remember where the article appeared? My search, desultory as its been, has been unsuccessful.

73, doug

Date: Sun, 09 Dec 2001 16:12:28 -0900
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>,
GQRP Mail List <GQRP@yahooogroups.com>
Subject: [114399] AL7FS - A Summary of Operations at KL7Y (long)
Message-ID: <3C140BFC.39796C2F@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I am sleepy but have two things to do before I sleep (or is that miles to go?).

1. Buy a Christmas Tree 2. Post a summary of activity.

I operated a bit less than 21 hours. Here are some numbers.

QSOs total = 252
Average QSOs per hour (20.75 hours) = 12.1 Q/Hr

QSOs per band
10m = 52 QSOs

15m = 82
20m = 90
40m = 28

DX QSOs

Canadian = 13 Qs
Other DX = 40 Qs
Total DX Qs = 53 QSOs
Contacts were made with NA, SA, OS and EU
DX QSOs = 21% of all QSOs this weekend.

Lowest power worked = 10 mW (Several)
Other low powers noted = 100 mW (several)

150 mW
500 mW
700 mW
850 mW
900 mW

I had a great time even though Dan tells me it could have been better. Still, it was the best day out there ever for me. He says my QSO count on 10 and 15 should be more than double what I achieved this weekend.

QSO rate ranged from 4 per hour up to 24 per hour with 2 hours at 24, 1 at 21, 2 at 17, 2 at 15. Again the overall average was 12.1 with the wide variations during the 27 hours.

That's about it. I hope to hear from you on what rigs, antennas and power you were using when we worked. Thank you for letting me use contest style QSOs to save time. The most disciplined in that regard were the operators on 40 meters. I wonder if the FOX hunts had anything to do with that?

Thanks go to each of you who made it to Alaska and to those I just didn't or couldn't hear. Several EME style QSOs were successful due to a copious use of ESP. :-)

Happy Holidays and I will be a player from my home station in the milliwatt contest over Christmas and New Years. That is one very fun contest. Try it out.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Sun, 09 Dec 2001 19:22:24 -0600
From: "George, W5YR" <w5yr@att.net>
To: Mike <mmorrow@companet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114400] Re: GB> Vintage QRP
Message-ID: <3C140E50.14EE2F22@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Excellent points, Mike, and clearly correct.

I suspect that such a solution was the knee-jerk consequence of applying "common sense" to the problem of cooling down hot tubes.

Back in those days - late 30's - there were a lot of things happening in ham stations that would hardly pass muster today, including what a lot of those old homebrew AM rigs sounded like! It was no secret that the really good AM stations with that classic beautiful audio were usually professionally designed and built at the behest of the more affluent amateurs. What Joe Ham would concoct out of the junkbox with a (usually) very limited knowledge of circuit theory, etc. was amazing to behold - and hear! <:}

But, ham radio has grown a lot and today we have 1500 watt signals with broadcast quality audio coming out of 3000 Hz bandwidths - and hardly a drop of transformer oil to be found.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Mike wrote:

> The odd thing about the external oil or water cooling technique for
> metal or glass envelope tubes is that it doesn't really *significantly*
> reduce the temperature of the tube elements (plate, grids, cathodes)
> compared to what they would have been with air cooling only.

Date: Sun, 9 Dec 2001 20:36:48 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [114401] FOX: W8KC Foxhunt Final Log
Message-ID: <Pine.OSF.4.21.0112081029370.12883-1000000@saturn4.acs.oakland.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone.

Like my fellow fox Bob said, I've received no more corrections so here's the Final Log for Dec 7th's W8KC/fox.

66 real QSOs and the two freebies. 30 states and provinces! Wow!

Thanks to all the hounds both in and out of this log who took the time to email. Your encouraging words were greatly appreciated.

My radio was a TenTec Corsair with every possible filter in line and running just over four watts. The skyhook was a full wave dipole at 25'. Ladder line and an LDG tuner with an external 4:1 balun, put fire on the wire. I was using Telex headphones and a Kent paddle with an MFJ Grandmaster memory keyer.

Hope you are looking forward to my next operation in a few weeks as much as I am. Happy Holidays!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

NUM	TIME	CALL	REPORT	QTH	NAME	POWER
1	02:03	k3ph	599	PA	BOB	5W
2	4	we9k	599	WI	GLENN	5W
3	5	k3iu	599	RI	KEN	5W
4	7	k0evz	599	ND	DOC	2W
5	9	kv4ee	599	SC	CRAIG	5W
6	10	ve3fal	599	ON	FRED	5W
7	12	n3bj	559	VA	ALAN	5W
8	13	w9xu	599	WI	LON	5W
9	15	k4tjd	559	GA	TOM	5W
10	16	wd4msm	599	IN	BARRY	5W
11	19	w2jef	559	NY	JEFF	5W
12	20	n9ij	599	IL	LEN	5W
13	21	w0ufo	559	MN	MERT	5W
14	22	ve5rc	559	SK	BRUCE	5W
15	24	k8cv	599	MI	WALT	5W
16	25	k0frp	599	CO	AL	5W

17	27	kg6cyn	599	WI	TREV	5W
18	28	w0ch	559	MO	DAVE	5W
19	30	n9ww	559	IL	JIM	4W
20	31	k4adi	599	SC	FRANK	5W
21	35	w3zmn	559	WI	CONRAD	4W
22	36	k9is	559	WI	STEVE	5W
23	41	w8vjw	559	MI	JOHN	5W
24	41	w8sff	559	MI	STEVE	5W
25	42	n0ar	559	MN	SCOTT	5W
26	43	wa8bxn	599	OH	MIKE	5W
27	46	va5rf	559	BC	EARL	5W
28	47	n9aw	599	WI	JERRY	5W
29	48	n0ur	579	MN	JIM	5W
30	50	nx8c	559	MI	NEIL	5W
31	51	n3xrv	559	PA	CHRIS	5W
32	53	n0dsp	559	CO	TOM	5W
33	55	af4ps	579	FL	MAC	3W
34	57	kc1fb	559	CT	JIM	5W
35	59	k9dc	559	IN	DAVE	5W
36	03:02	k2odc	589	NY	RON	5W
37	8	n0rc	559	CO	ROD	5W
38	9	w5tb	559	TX	DOC	5W
39	10	ve4wi	559	MB	CRAIG	5W
40	12	n1tp	559	FL	TOM	5W
41	15	n9ne	589	MI	TODD	5W
42	16	n1fn	559	CO	ET	5W
43	18	w9hl	559	IL	RANDY	5W
44	19	wv9n	559	OH	RANDY	5W
45	20	ve3jff	599	ON	JEFF	2W
46	22	k4byf	559	FL	JACK	5W
47	24	kv2x	559	NY	TOM	5W
48	25	k0pc	559	MN	PAT	5W
49	27	w8ru	599	MI	RON	5W
50	29	aa5o	559	LA	VERN	5W
51	31	kg4ldy	559	VA	DAN	5W
52	33	nu8s	559	OH	DENNIS	5W
53	34	w0rsp	559	SD	ADE	5W
54	36	kk5ld	559	TX	JIM	5W
55	37	n2ww	559	CO	LARRY	5W
56	39	af4lq	559	KY	MIKE	5W
57	41	kr5c	559	TX	GEORGE	5W
58	43	kc0gxx	599	NC	TOM	2W
59	45	w5yr	559	TX	GEORGE	5W
60	46	wb8wtu	559	OH	DENNIS	5W

61	48 k8kfj	599 WV	GARY	5W
62	49 kc0atc	559 CO	CHRIS	3W
63	51 nk9g	599 WI	RICK	5W
64	54 ve6ex	559 AB	DAN	5W
65	58 kb9yiz	569 IN	TONY	5W
66	59 k4fb	579 FL	PAUL	5W
67	n6wg	fox CA	BOB	
68	w8kc	fox MI	PAUL	

Date: Sun, 9 Dec 2001 20:57:54 EST
 From: NV9Z@aol.com
 To: qrp-l@lehigh.edu
 Subject: [114402] FINAL PRICE REDUCTION: MFJ QRP Rigs
 Message-ID: <ca.31d5b88.294570a2@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

OK Folks,

This is the final price reduction. I can't afford to go any lower.

MFJ-9020 and 9040 QRP rigs, both with keyer and cw filter options installed.
 \$130.00 each shipped (USPS Priority Mail CONUS).

These rigs will make excellent stocking stuffers. There won't be any QRP+
 under my tree Christmas morning unless they are sold first.

Thanks 73/72 and Happy Holidays!

Chris Blaase NV9Z QRP-L #2370

Date: Sun, 9 Dec 2001 21:41:26 -0500
From: "Bruce Hopkins - kl7h@arrl.net - or" <makai@makai.org>
To: <qrp-l@Lehigh.EDU>
Subject: [114403] Tube Type QRP...
Message-ID: <ILEAKJBCHHNADGGNAGNHMELECAAA.makai@makai.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Rich & Gang...

I am using a two tube transmitter designed by Mike - W3IRZ... It puts out a couple of watts and I use it on both 40 and 80 meters... Lots of fun... Mike designed this for the North Georgia gang and put together several kits from his junk box... I was fortunate to get one as parts are non existent here in the islands... I have the parts and will be building Mikes 12v tube receiver design soon...

Take a look on my web page for details under glowbug... Take care and have fun...

Bruce - KL7H/C6A

<http://www.makai.org/KL7H-C6A/>

Date: Sun, 09 Dec 2001 21:42:10 -0500
From: "Richard H. Arland" <rarland@earthlink.net>
To: "glowbugs@piobaire.mines.uidaho.edu"
 <glowbugs@piobaire.mines.uidaho.edu>, QRP List <qrp-l@lehigh.edu>
Subject: [114404] Vintage QRP - WOW! What a Response
Message-ID: <3C142102.395726A7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, OK, OK!!

VAcuum tube QRP is alive and well!! Great news. I've contacted some of you and have yet to finish writing e-mail replies. I have enough material for two and possibly three vintage QRP columns in QRP Power. Many, many thanks, gang.

I hope to have my own "one lunger" working for SKN. The SX-100 is finally almost restored (have a couple of things to iron out, but the bulk of the restoral is done). Now, if I can get a chance to build the one tube TX, I'll be on 7040 in a week or two.

73 es thnx to everyone who took the time to write. Rest assured I will include as much of the information you've provided as I can.

Happy Holidays.

Rich K7SZ

Date: Sun, 09 Dec 2001 22:16:03 -0500
From: Dave Pomeroy <dave@dpomeroy.com>
To: qrp-l@Lehigh.EDU
Subject: [114405] homebrew
Message-ID: <5.1.0.14.0.20011209221411.00a38d90@mail.dpomeroy.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm wanting to homebrew a receiver. All HF bands SSB and CW. I've found "The Progressive Receiver" on the ARRL web page, a pdf file, and also another page by AA3SJ. Has anyone built this reciever and if so how is the performance? Thanks for your time.

Dave Pomeroy K8DNP South Western Michigan

Date: Sun, 09 Dec 2001 20:28:40 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <wphinizy@filenet.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [114406] Re: [Elmer 101] SW-20+ "Audio IC" Question..
Message-ID: <B83979F7.FA36%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - Second guessing designers on their choice of parts is good sport. You can learn a lot about the design process. Usually the designer had a good reason for choosing the part he did. Sometimes the reason, like low cost or availability, is not always the choice a ham would make.

The NE5532 op amp is a pretty good choice for audio applications. When it was introduced in the late 70s it was the darling of the audiophile world. It is still pretty good.

Two op amps touted as improved replacements for the NE5532 include the Burr Brown (now TI-Burr Brown) OPA2604 and the Analog Devices OP275. Both are excellent parts, although the OPA2604 is probably a little easier to find. I think that Digi-Key carries them at a modest price.

This is, of course, one reason why building with sockets is so useful. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 9 Dec 2001 22:28:38 EST
From: N10DL@aol.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [114407] TEST....
Message-ID: <a.170e4e7f.294585e6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Date: Sun, 09 Dec 2001 20:35:12 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <wphinizy@filenet.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [114408] Re: Coax Antenna Question
Message-ID: <B8397B80.FA38%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - You don't need to fold back the braid. The outer and inner surfaces of the coax are effectively insulated by the skin effect.

One version of the antenna you are trying to build is described in recent ARRL Handbooks and Antenna Books. There are dimensions there for 20 M versions of the antenna including the coaxial choke. It is called the resonant feed line dipole. Look on page 20.17 of the 2001 Handbook.

Let us know how it all works out. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 9 Dec 2001 22:39:13 EST
From: Imk9is@aol.com
To: qrp-1@lehigh.edu
Subject: [114409] Weekend Fun
Message-ID: <c9.19e532b3.29458861@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I spent the weekend putting together a small pile of parts I had ordered and built the super simple "Mighty Mite" from W1FB's QRP Notebook. This was my first experience building without an etched circuit board and step by step instructions. What a blast to have it oscillate into a dummy load, better yet was working N5LG, Les, on the first call. What a great part of the hobby, QRP so much fun with so little. guess I will get my 25 milliwatt's back on the air on 40 meters
73 K9IS
Steve Whitton

Date: Sun, 09 Dec 2001 22:30:58 -0600
From: Dave Redfearn <n4elm@attbi.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114410] WTD: Manual/Schematic for Lowe HF-225 SW receiver
Message-ID: <3C143A82.29033BE1@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for manual/schematic for a Lowe HF-225 SW receiver.
It has the optional sync AM detector, whip antenna amp, and NiCad batteries

Lowe discontinued these in 1997 and does not appear to have any info left.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 10 Dec 2001 00:09:17 -0500
From: w4bws@juno.com
To: kd1jv@moose.ncia.net, rarland@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [114411] Re: Tube QRP
Message-ID: <20011210.000925.-340595.1.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Steve and Rich,
I still have a set of the ARC 5 receivers that are on the air.
All but the 500 to 1.5 Mhz which I havent been able to find yet.
I have 4 of the 150 to 500 Q-5 units and a set of the 500 to
1500 coils I found at Dayton 2 years ago for a buck. I have
thought of modifying one Q-5 unit to 500 to 1.5 but I would
have to make new IF coils.
I have one receiver on 80 and one on 40 with a transmitter
on the rear deck that is a 6C4 driving a 5763 at 10 watts.
I built them in 1950 and still use thim sometimes just for fun.
I am still looking for a multiple rack for the receivers. FAIR Radio
is out of them last time I called. I have a rack for three transmitters.
I would like to find folks with the control boxes and other accessories
needed to complete the original setups. I have 4 unmodified receivers.
I have a ARC 5 transmitter for 80 and 40 but have not put them
on yet. Was thinking about making them grid modulated
double sideband and cw mod by switching off one tube and
keying the buffer.
I have several glow bugs I have built over the years and hope to
soon have them all resurrected and on the air.
Not QRP but, I still have my SX100 and Johnson Ranger from
1955 on the air and recently got a NC300 I am refurbishing.
It will goi with the EICO 720 and AM modulator sitting on the shelf.
My eyes still let me work on the boatanchors.
Don W4BWS

On Sun, 09 Dec 2001 15:17:10 -0500 Steven Weber <kd1jv@moose.ncia.net>
writes:
> About 10 years ago I built a 6AU6 / 2E26 transmitter, using the plate
> choke

> and tank parts salvaged from a DX-60 or some such thing with a bad
> power
> transformer. Put out about 15 watts on 40. Was a lot of fun to say
> "rig
> here is Drake 2B Rx and HB tube Xmitter". Made a lot of contacts
> with that
> set up one summer.
>
> I'm thinking that building a 6AU6A / 6AQ5 combo would be fun and
> more
> QRPish. I even have a few 40M FT-243 xtals kicking around or could
> use this
> old ARC-5 VFO I picked up at a hamfest. An ARC-5 VFO? you might
> ask. Yes,
> someone took a bandsaw to an ARC-5 and removed everything but the
> VFO
> section in the back, then remounted the front plate and dial. For 5
> bucks,
> couldn't resist buying it!
>
> Now who's still got an original ARC-5 set up to put on the air?
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

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Date: Sun, 9 Dec 2001 21:23:34 -0800

From: "blinn" <blinn@smgazette.com>

To: <makai@makai.org>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114412] Re: Tube Type QRP...

Message-ID: <003c01c1813a\$d5169dc0\$7d69f040@blinn>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Nice page Bruce. I appreciate the details on the two tuber. I've wanted to build a tube xmtr for some time but couldn't seem to come up with the power supply scheme to support the project. Even I should be able to take the information that you've provided and have success! Thanks.

Bill - WA7TQK

> Take a look on my web page for details under glowbug... Take care and
> have fun...

>

> Bruce - KL7H/C6A

>

> <http://www.makai.org/KL7H-C6A/>

>

>

>

--

Date: Mon, 10 Dec 2001 00:05:28 -0600 (CST)

From: "Adrian Weiss" <aweiss@usd.edu>

To: qrp-l@lehigh.edu

Subject: [114413] 160m Results / Antenna

Message-ID: <Pine.SOL.4.03.10112092355050.23993-100000@sunburst.usd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Condx seemed really good for the ARRL 160m contest.

I was too busy with other stuff and there was no snow on the ground, so I didn't get around to laying my usual collection of 29 66ft radials. In fact, the G5RV which has served as a top-loaded vertical in the past was laying in a roughly wound heap on the roof. So, my ant ended up being a conglomeration. I have a pair of 30m dipoles from the mast headed NE/SW and SE/NW, with twinlead feeders from both -- each about 60ft long. So I tied the ends of the feeders together, and decided to toss in the end of the G5RV ladderline as well. My SDRV vertical is about 50ft west of the mast and it has 20 20ft radials under it, so that was my radial system connected thru 50ft of RG8X. You could call it an "offset radial"

syst4em since it was no where near the virtual base of the
conglomeration top-loaded vertical (top about 45 ft up).

I didn't expect to work anything, but things went pretty good.
I did 71 Q's in about 5 hours with 27 mults. The interesting
aspect is the coverage: WA-MT-ND-MN-WI-MI-OH-ON-WPA-VA-GA-
STX-AZ-NM establish the perimeter. I only heard 1 "2" but
several "6's" made it over the Rockies. Couldn't work'em tho!
No wonder w. such a fantastic "no angle" vertical!

Just goes to show that just about any kind of antenna will
"work". I wouldn't recommmend it tho! There was a definite
difference between it and my usual G5RV with the 29 radials.
On 160, 20 20ft radials is about as good as a ground rod.

72, Ade

Date: Mon, 10 Dec 2001 00:30:48 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <mmorrow@companet.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114414] Re: GB> Vintage QRP
Message-ID: <01a201c18144\$36c4a220\$8b11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about getting a little deep-freeze and mounting the circuitry you need
to keep cool in it :^)

72/73/oo
Rob, kc0bom
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----

From: Mike <mmorrow@companet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, December 09, 2001 5:26 PM
Subject: Re: GB> Vintage QRP

George, W5YR wrote:

> ... there were guys on 160 running a kw input to as many 6L6's as
> it took for the r-f amp and as many as it took for the modulator, all
> inverted in pans of transformer oil to dissipate the heat load.

Hi George,

The odd thing about the external oil or water cooling technique for metal or glass envelope tubes is that it doesn't really *significantly* reduce the temperature of the tube elements (plate, grids, cathodes) compared to what they would have been with air cooling only. Much of the heat transfer from the plate through the vacuum to the tube's metal or glass shell is radiative heat transfer, requiring large temperature differentials between plate and shell. Lowering shell temperature a little with oil cooling still results in high temperatures at the plate. I'd guess that the main thing accomplished was delaying failure of the tube seals.

73,
Mike / KK5F

Date: Mon, 10 Dec 2001 00:21:46 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [114415] FS:DSW 40
Message-ID: <MABBIKAEJNPMOAJMBKJJCEGCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Reduced price on this fine rig.As mentioned in the first posting: The original owner took some sandpaper to the blue cabinet. Still looks ok but scratch marks are evident. Rig works FB, just rough on the outside.....125 Bux...shipped CONUS

TU and 72, Tom WB5QYT...."Have spud will travel!"

Date: Mon, 10 Dec 2001 00:29:32 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [114416] FS: 49er
Message-ID: <MABBIKAEJNPMOAJMBKJJIENGCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

49er in the altoid tin...works,just dont use it....20 bux CONUS..

TU and 72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 10 Dec 2001 02:30:55 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [114417] RE: Vintage QRP
Message-ID: <00d901c1814c\$9ba899a0\$84a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About two weeks ago I talked to a fellow who was running a Heathkit HW-101 and remembered the old HW-101 that was my first rig. I have some great memories with it, even though it seemed to be broken most of the time and I didn't have the best luck finding guys who were willing or able to work on it. Finally I got another rig and I put it into storage, thinking I couldn't get much for it if I sold it.

After talking to this fellow, I decided it would be fun to fix it up and get it on the air again. And I would like to have a "rig that glows in the dark" in my collection anyway. Last weekend I got it out and completely disassembled it except for the VFO, which looked good after I resoldered a couple joints. Then I got out the book and starting at page one, began rebuilding it. It's been a bit of a job, because I have to clean things up

before reinstalling them, but it's going real well. I think I'm well over half way done. A friend found out what I was doing, and he had an old one in his garage that he dropped off last weekend for me to use for parts, and that has been a lifesaver for a few things.

If the project continues to go well, I should be finished soon. Then I'll get it on the air, and make my first QRO contacts in probably two or three years. After that, I hope I can crank the power down without much difficulty, because I'd like to use it for a while. And operating QRO just isn't that much fun any more.

Denny Payton, N9JXY
Auburn, IN

Date: Mon, 10 Dec 2001 00:33:36 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [114418] FS: 38-S
Message-ID: <MABBIKAEJNPMOAJMBKJJJCENHCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gents,

Have a 38s that has a few mods done by "Melt Solder" Weber, and he did a fine job! Only used it a few times since I got it back from him. Rig is in a nice case provided by Dave Benson. This is basically a stock unit, but I think Steve did something to get rid of the thump. Fairly hot rec....puts out about 250mw that I recall.....30 bux shipped CONUS

72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 10 Dec 2001 00:38:56 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [114419] Vintage Qrp
Message-ID: <MABBIKAEJNPMOAJMBKJJJENHCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

When I was a novice many of us young hams here in Abq used the "Bare Essentials Xmtr". It used 50C5 tube, built on a piece of ply wood, with a pill bottle used for the output coil. Had to watch where you put your fingers as it ran straight off of the AC main...no isolation transformer HI HI....Made a lot of Q's with it and my R-100A receiver! Still have both although not the original...Still have copies of this xmtr if anyone is interested...

72, Tom WB5QYT..."Have spud will travel!"

Date: Sun, 9 Dec 2001 23:58:56 -0800 (PST)
From: MARSHALL MONTCHALIN <teknetron@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [114420] Construction articles and PE's recent Pyramid Issue
Message-ID: <20011210075856.48420.qmail@web12903.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What do you all think about the editorialism shown us by the pyramid issue of Pop'tronics? (I've never heard of QRPP until this list, its good to know we are not alone)

I think we get construction articles if the editor decides to print them. Used to be that Popular Electronics offered pcboards and kits for hard-to-get parts... and not every project was a preprogrammed PIC.

I'd like to see VMOS xmtrs and such, even if we had to special order low gate-capacitance trannies direct from Motorola! ;)
I mean, if QRP is under 5 watts, let's make QRQ under 5 transistors, okay? -Unless qrq means something else, of course!

72/73 KF6PBG Marshall de Portland, Oregon

Do You Yahoo!?
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<http://greetings.yahoo.com>

Date: Mon, 10 Dec 2001 02:23:36 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <teknetron@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114421] Re: Construction articles and PE's recent Pyramid Issue
Message-ID: <01dd01c18153\$f99d7880\$8b11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's sad to see what's happened to Popular Electronics - they used to have stuff worth reading about, now it's just computer this and stereo that. I quit buying them after the last issue named as Popular Electronics came out. I used to look forward to the new issue hitting the stands every month, now that's reserved for when my CQ hits the mailbox :^)

What's a pyramid issue, btw? :^D Like I said, I quit buying them :^D

72/73/oo
Rob, kc0bom
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----
From: MARSHALL MONTCHALIN <teknetron@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, December 10, 2001 1:58 AM
Subject: Construction articles and PE's recent Pyramid Issue

What do you all think about the editorialism shown us by the pyramid issue of Pop'tronics? (I've never heard of QRPp until this list, its good to know we are not alone)

I think we get construction articles if the editor decides to print them. Used to be that Popular

Electronics offered pcboards and kits for hard-to-get parts... and not every project was a preprogrammed PIC.

I'd like to see VMOS xmtrs and such, even if we had to special order low gate-capacitance trannies direct from Motorola! ;)

I mean, if QRP is under 5 watts, let's make QRQ under 5 transistors, okay? -Unless qrq means something else, of course!

72/73 KF6PBG Marshall de Portland, Oregon

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Date: Mon, 10 Dec 2001 06:46:10 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <kc0bom@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [114422] Re: Construction articles and PE's recent Pyramid Issue

Message-ID: <004a01c18170\$4af0cd60\$0600a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I used to subscribe to PE all through high school in the 60's, back when they had laser and yes, computer articles like building the Altair. Cutting edge!

Kept the subscription till they changed, and I was one of the ones that got my subscription 'finished' by something else. R&E I think. I then let it expire.

Now, they are OK, and I subscribe again, but I'm not going to renew.

The pyramid issue is one reason. Imagine if you will an issue that devotes the space for a MAJOR article on pseudo science BS. I'm not talking

about the one or two page April Fools issue farce article. I'm talking a MAJOR article of many pages. It read like a cross between a supermarket tabloid and the emails that go around claiming to have magical powers if you send them to 10 others in 10 minutes and you'll win the lottery kind of thing.

I suppose it'd be ok if they had the 'meat' to compliment it at other times
but it's just not there any more.

Mike

----- Original Message -----

From: "Rob Matherly" <kc0bom@arrl.net>

> It's sad to see what's happened to Popular Electronics - they used to have
> stuff worth reading about, now it's just computer this and stereo that.
I
> quit buying them after the last issue named as Popular Electronics came
> out. I used to look forward to the new issue hitting the stands every
> month, now that's reserved for when my CQ hits the mailbox :^)
>
> What's a pyramid issue, btw? :^D Like I said, I quit buying them :^D
>
> 72/73/oo
> Rob, kc0bom

Date: Mon, 10 Dec 2001 07:01:07 -0500
From: "John Harper AE5X" <ae5x@qsl.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [114423] Any VLF beacon operators?
Message-ID: <000501c18172\$5ae07980\$41ca89ac@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Morning,

I was wondering if any members of this list are operating beacons in the 160-190 kHz experimenter's band. If so, I'd like to know what type of transmitter you are using - schematic, mode (QRSS, WOLF, etc). There are a

few companies offering kits for this freq range:
<http://www.northcountryradio.com/am88.htm> and one from Curry Communications,
whose web site is down right now. And some homebrew designs at:
<http://www.computerpro.com/~lyle/>

I am in the process of building a transmitter for a CW beacon on 188.5 kHz
using Manhattan construction and would like to know the results of others on
the list who have experience in the "Lowfer" band.

Thanks and 73,

John Harper AE5X
Outdoor QRP: <http://www.qsl.net/ae5x>

Date: Mon, 10 Dec 2001 08:07:56 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [114424] Re: CQ NV CQ NV
Message-ID: <5.0.2.1.2.20011210080314.02271490@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

All,

Thanks for the replies (direct). I worked Dr. Bill, K6GNX, in Reno, Friday
night on 20M (great signals at 0300Z BTW) for #50.

About 60% of them are at 1 Watt, but in the end, I had to make a choice as
to did I want to complete my first WAS, QRP (I never bothered to do it QRO)
or to do it all at 1 Watt. Since we had a friendly competition among
NOGAites, I decided I really wanted the certificate...

72 de Mike, K04WX
Michael C. Boatright

Date: Mon, 10 Dec 2001 08:23:54 EST
From: K5BDZ@aol.com
To: dave@dpomeroy.com, qrp-l@lehigh.edu
Subject: [114425] Re: homebrew
Message-ID: <1e.1fbecc11.2946116a@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dave

Have built the progressive receiver a la W7ZOI and it performs beautifully!
Strongly recommend the design.
Bill K5BDZ

Date: Mon, 10 Dec 2001 08:50:49 -0500
From: Mike Maiorana <mikemo@attglobal.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114426] [Elmer 101] Next installment
Message-ID: <3C14BDB9.B76B345D@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just an update for the people participating in the Elmer 101 class. I plan on putting the next section, VFO, up soon. Hopefully early this week. I've got a final exam today (Calculus) and I've been a bit preoccupied by it ;-)
Stay tuned.
Mike Maiorana, KU4QO (with X's and Y's coming out of my ears...)

Date: Mon, 10 Dec 2001 08:56:52 -0500
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [114427] 80 osc/tx
Message-ID: <E1F0152638DBD311AEF700D0B74455E23BFF85@exchange_nh.allegromicro.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks for all the help. We wound up building a "Pebble Crusher 2"--a 2 transistor crystal controlled transmitter. I basically showed her how to solder down the manhattan pads (I couldn't find the super glue), and answered her questions, and then got out of her way. I went off to wrap Christmas presents. Now, some of her layout isn't the way I would have done it, but other than one transistor in backwards (which didn't harm it), there was no mistakes and it puts out the prescribed 1/2 watt (unless if I did the math wrong--10Vpp into 50 ohms). This week I'll have to figure out why the thing doesn't move in freq--it's supposed to be something of a 2kHz VXO, but it responds more to hand capacitance on the crystal than to the air variable

that was attached. Oh well; maybe we'll just use a switch or two to pull in some capacitance to move the freq. This weekend we'll try to figure out how to use it with the reciever--maybe if we use just the right amount of shielding and muting, we'll have sidetone too. [BTW, the reciever is the TT DC reciever.]

Shawn Upton, KB1CKT
Product Development Engineer - Sensors
Allegro MicroSystems, Inc
Concord, NH
603.228.5533 ext. 429

Date: Mon, 10 Dec 2001 09:13:27 -0500
From: thomasr2@gdls.com
To: Steve Smith <sigcom@juno.com>
Cc: qrp-1@lehigh.edu
Subject: [114428] Re: N4RT Windom
Message-ID: <0FB69C6CF3.615D8B93-ON85256B1E.004AAD00@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Hi Steve,

Well, actually, the 468 constant is taken from 492 (which is the constant used for a half wave in free space) times a K factor which is derived from the ratio of the wire used in the dipole to the wavelength you're cutting it for. K has nothing to do with velocity factor which is dependent on the dielectric material used, wire size, and spacing, and to some extent, ambient temperature. The handbook uses a "rule of thumb" ratio for antennas constructed of small diameter wire sizes of 0.95. $492 \times 0.95 = 467.4$! If you round this off correctly, we should be using $467/f$ (MHz) instead of $468/f$ (MHz)! But, if you really want to be "correct," we should calculate different K factors for every band since the wavelength changes for a fixed wire size, therefore the K factor changes for each band. Fortunately, if you do the math, the changes are small and 468 is "close enough," which is why the formula is so widely used. Then if you construct the antenna of anything more than single conductor wire, velocity factor plays an additional role in the overall length of the antenna. Coax dipoles are another good example of that effect. They are shorter for a given wavelength than a wire dipole due to the velocity factor of the coax. The same holds true for 300 ohm or even 450 balanced line.

Of course, then the height of the antenna above the ground, soil conductivity, and presence of other conducting materials near the antenna all play a role in the actual resonant frequency and feedpoint impedance in practice. This is why we typically have to prune the ends of the antenna to get it right on our design frequency anyway. In other words, a dipole installed on my lot might resonate on a slightly different frequency than the same dipole installed on your lot... so being "exact" with the formulas is not really practical. As in all things, the theoretical never quite matches the practical :-)

73,

Ron N4RT

Steve Smith
<sigcom@juno.com>
12/07/01
04:45 PM

To: thomasr2@gdls.com
cc:
Subject: Re: N4RT Windom

Hi Ron,

Well, I'm not arguing with success because obviously your antenna works but isn't the $468/F$ the formula for a wire dipole (taking into consideration the "velocity factor" of the wire)? I thought that for twin lead one is supposed to use the "free space" formula, then multiply times the velocity factor. Or am I all wet here. Again, something's working because your'e getting out! :-).

I too built a DCTL with no success but it was pretty crude. I've since procured a much better grade of twin lead and have been plotting to give it another try. But your "N4RT Windom" has me intrigued.

Thanks for posting all the good info to the list.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"Snort Rosin"

On Fri, 7 Dec 2001 16:08:33 -0500 thomasr2@gdls.com writes:

>
>
> Hi Steve,
>
> Yes, the 57' 3'' was derived from 468/7.025 (MHz) multiplied by 0.86
> (the
> velocity factor of the twinlead) = 57' 3".
>
> 73,
>
> Ron N4RT

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 10 Dec 2001 09:39:35 -0500

From: "Mike Boatright" <ko4wx@mindspring.com>

To: <qrp-1@Lehigh.EDU>

Cc: <n8ie@woh.rr.com>

Subject: [114429] Re: [fpqrp] IM Madness!

Message-ID: <NFBBIILMKCMIIILGKAJMBLIELICCAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

You mean, you Pigs have to use a computer to do a chatroom???

The NOGA gang has it's chatroom at 3686.4 on Tuesday nights, 9:30pm Eastern...

72 de Mike, K04WX

Date: Mon, 10 Dec 2001 09:51:02 -0500

From: "Carter Craigie N3AO" <n3ao@bee.net>
To: "Low Power Amateur Discussion" <qrp-1@Lehigh.EDU>
Subject: [114430] Address for Rev. George Dobbs G3RJV
Message-ID: <003901c1818a\$192c7b20\$ca60c441@satellite>

Hi All,

Can someone please send me the email address for the Rev. George Dobbs G3RJV? I need to ask him a question.

Many thanks,

Carter Craigie N3AO
5 Faggs Manor Lane
Paoli, PA 19301-1905
n3ao@arrl.net
or
n3ao@bee.net

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.306 / Virus Database: 166 - Release Date: 12/04/2001

Date: Mon, 10 Dec 2001 09:54:14 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: ko4wx@mindspring.com
Cc: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [114431] Re: [fpqrp] IM Madness!
Message-ID: <12263-3C14CC96-817@storefull-264.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=ISO-8859-1
Content-Transfer-Encoding: Quoted-Printable
MIME-Version: 1.0 (WebTV)

Oh yeah, I heard of that... that is the QLF net, right?

72 es oo

Dennis - WB0WAO
FP#-347

From: ko4wx@mindspring.com (Mike=A0Boatright) Date: Mon, Dec 10, 2001,

9:39am

To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)

Subject: Re: [fpqrp] IM Madness!

You mean, you Pigs have to use a computer to do a chatroom???

The NOGA gang has it's chatroom at 3686.4 on Tuesday nights, 9:30pm Eastern...

72 de Mike, K04WX

Date: Mon, 10 Dec 2001 10:13:39 -0500

From: "w8diz" <w8diz@fpqrp.com>

To: <ko4wx@mindspring.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114432] Re: [fpqrp] IM Madness!

Message-ID: <002b01c1818d\$414446d0\$0400000a@hunkar.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Whadajamean.....

U be a pig too. Try AOL-IM! We may even invite U to the
FPqrp Chat room :)

-diz, W8DIZ

----- Original Message -----

From: NOGA SPY <ko4wx@mindspring.com>

Subject: Re: [fpqrp] IM Madness!

> You mean, you Pigs have to use a computer to do a chatroom???

> The NOGA gang has it's chatroom at 3686.4 on Tuesday nights, 9:30pm

> 72 de Mike, K04WX, AKA-NOGA SPY

Date: Mon, 10 Dec 2001 08:21:29 -0700

From: "T.W." <wb5qyt@abq.com>

To: <qrp-1@lehigh.edu>

Subject: [114433] FS: RIGS SOLD

Message-ID: <MABBIKAEJNPMOAJMBKJJJOENMCHAA.wb5qyt@abq.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

TU for the interest in the rigs I had for sale. They are all sold..

TU for the BW....Tom WB5QYT

Date: Mon, 10 Dec 2001 10:26:41 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: w8diz@fpqrp.com
Cc: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [114434] Re: [fpqrp] IM Madness!
Message-ID: <12262-3C14D431-1166@storefull-264.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

AHHHHHHHHHH The spy is unmasked!!!!

72 es oo

Dennis - WB0WAO

Date: Mon, 10 Dec 2001 10:26:48 EST
From: Macstein@aol.com
To: <fpqrp-1@mpna.com>
Cc: <qrp-1@lehigh.edu>
Subject: [114435] Re: [fpqrp] IM Madness!
Message-ID: <18f.2e46f6.29462e38@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Whew, thanks for OUTING Mike! Somehow, I feel vindicated.
LOL "The truth is out there." oo

-MAC-
AF4PS
FP-51

In a message dated Mon, 10 Dec 2001 9:44:25 AM Eastern Standard Time, "Mike Boatright" <ko4wx@mindspring.com> writes:

> You mean, you Pigs have to use a computer to do a chatroom???

>

> The NOGA gang has it's chatroom at 3686.4 on Tuesday nights, 9:30pm

> Eastern...

>

> 72 de Mike, K04WX

Date: Mon, 10 Dec 2001 08:35:27 -0700
From: William R Colbert <w5xe@juno.com>
To: n3ao@bee.net, qrp-L@lehigh.edu
Subject: [114436] g3rjv
Message-ID: <20011210.083529.-276535.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

According to notes on the G-qrp list last week, George is off line at the moment due to computer problems.

73
Ray

below is a quote from Tony, G4wif:

George is having computer problems at the moment and what with the busy Christmas period looming doesn't have time to fix it.

He asks that you hold any emails to him until further notice.

Kind regards
Tony - G4WIF

Date: Mon, 10 Dec 2001 10:34:46 -0500
From: Doc <70511.3041@compuserve.com>
To: "\"Low Power Amateur Radio" <qrp-l@Lehigh.EDU>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [114437] FS:SW-30+ (Assembled)

Message-ID: <200112101034_MC3-EA07-638@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1

Content-Disposition: inline

Gang:

For Sale =3D SW-30+ rig. Completely assembled, works well. Is a proven =
DX
rig. This radio is built into a Radio Shack 2-tone metal case. Comes wi=
th
original documentation. Total price =3D only \$78.00 including shipping t=
o
your CONUS address. =

73,

--Doc/K0EVZ

Date: Mon, 10 Dec 2001 09:56:58 -0600

From: "George, W5YR" <w5yr@att.net>

To: Macstein@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [114438] Re: [fpqrp] IM Madness!

Message-ID: <3C14DB4A.73D43022@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Don't be too smug, guys!

The NETXQRP Tornados have a Yahoo private chat room which is used
frequently during Hunts, etc. Of course, we never exchange Fox frequencies,
etc. <:}

Ultimately, we plan to expand to voice and video operation so that we can
hold virtual meetings with Show and Tell and station visits (via webcam),
presentation of projects, the usual litany of lies and brags, etc.

Our group is scattered geographically and few of the members have phone
and/or QRO equipment so a radio voice chat room doesn't work too well for
us.

But the Yahoo IM has really enhanced our group activities.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Macstein@aol.com wrote:

>
> Whew, thanks for OUTING Mike! Somehow, I feel vindicated.
> LOL "The truth is out there." oo
>

Date: Mon, 10 Dec 2001 11:27:16 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <wi8w@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114439] Re: Speaking of 9 volt batteries
Message-ID: <10111110112717.LAA10946@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 11/28/01 10:24 PM, Thom Durfee WI8W at wi8w@arrl.net wrote:

>Needless to say that young boy was forever banned
>from the local radio store because you see, (if
>you do not remember) B batteries were 510 volts!

I though B batteries were either 45 or 90 volts.

>You may ask how I know about this story?

>
>I was that 12 year old boy!

I still test 9V batteries by touching them to my tongue....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 10 Dec 2001 11:27:30 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114440] Re: Speaking of 9 volt batteries
Message-ID: <002301c18197\$9400a6c0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I still test 9V batteries by touching them to my tongue....

>

> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

The ONLY way to test, and surprisingly accurate! Once you get used to the 'taste'. "This battery taste weak!" "YEOW!! This one taste fresh!"

Mike

Date: Mon, 10 Dec 2001 12:00:43 EST
From: DennisKT5D@aol.com
To: qrp-l@lehigh.edu
Subject: [114441] FS: Yaesu FT-817
Message-ID: <16.16bc90e2.2946443b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Radio is in mint condition with no mods, original box and all accessories that came with the rig (I am the original owner). Comes with the Yaesu 500 Hz CW filter and the high stability reference oscillator. Also has the Yaesu carrying case. \$750 plus shipping.

Date: Mon, 10 Dec 2001 10:28:22 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: "Marshall ET Emm N1FN" <mgemm@mtechnologies.com>
Subject: [114442] Re: Fox: N6WG Final Log
Message-ID: <MABBJOEABOILMKCJCLFCIEHPCOAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Just received a correction fromn Doc, K0EVZ.

Seems I've placed him in the wrong state.

His entry should read "0202 K0EVZ 559 ND DOC 2W"

I'm posting the correction this way, rather than repost the whole thing.

73, Bob N6WG

Date: Mon, 10 Dec 2001 10:31:12 -0800

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [114443] Re: Coax Antenna Question

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F087412B5@hq-expo2.filenet.com>

My thanks again to Jim and all of the other fine people who responded. Jim's reference to this antenna is valid, by the way, for the 1998 handbook (which I just happen to keep handy in the office for such emergencies)..

72 and thanks again..

Bill, K6WHP

Date: Mon, 10 Dec 2001 13:39:42 -0500

From: "Mike Boatright" <ko4wx@mindspring.com>

To: <qrp-l@Lehigh.EDU>

Subject: [114444] OT: Cornwall celebrates Marconi milestone

Message-ID: <NFBBIILMKCMIILGKAJMBLIELOCCAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Interesting report on the BBC News/Science & Technology webiste:

http://news.bbc.co.uk/low/english/sci/tech/newsid_1701000/1701461.stm

72 de Mike, K04WX

Date: Mon, 10 Dec 2001 14:26:58 -0500

From: "Brice D. Hornback" <bdh@cyberbound.net>

To: <qrp-l@Lehigh.EDU>

Subject: [114445] Mosfet KP902b
Message-ID: <049c01c181b0\$a2e18380\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone. I'm looking for the US equivalent to a Russian Mosfet KP902b. Here's what I know so far (and I believe is accurate):

KP902B 3,5W 50V 200mA 250MHz

Any help would be appreciated.

Thanks!
73/72/71! de Brice KA8MAV
<http://www.QRPp-I.com>

Date: Mon, 10 Dec 2001 11:34:28 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [114446] KI6DS Computer dies Sunday
Message-ID: <006c01c181b1\$b17df120\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, my computer rolled over and died Sunday. This is the third hardware failure in the past year for that machine, so I have retired it. I had all of the QRPp issues backed up, but lost a couple of articles that I have planned for the Winter issue, which I will do over Christmas vacation. By the way, I am picking up the Fall issue today from the printer, and as soon as we get it processed it will be in the mail.

But, I did lose all of my email addresses, and all of my email. Dave Ek and Korey Hamzeh if you read this, please send me an email. 72, Doug

Date: Mon, 10 Dec 2001 14:52:20 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [114447] 160M

Message-ID: <0112101452200B.11923@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Just reading about the 160M MPW records in the October QQ.

I would be satisfied to just get 1000 MPW on 160. That would make 10 band 1000MPW for me. (160-6 meters). Band has been VERY noisy, but weather is cooling off now. Maybe later in December or January I can try a sked with someone at about 200-500 miles at 250mw or so?

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Mon, 10 Dec 2001 15:12:14 EST
From: IamSF5@aol.com
To: qrp-L@lehigh.edu
Subject: [114448] AOL BUGS????? NEED HELP
Message-ID: <b0.1e9b83cf.2946711e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can someone on AOL mail me and please let me know if they have problems with getting QRP-L.

I get only the fpqrp-l list and thats it.

I unsubscribed and resubscribed again but still nothing.

IamSF5@aol.com: You are already subscribed to list qrp-l@Lehigh.EDU

I looked at my Yahoo account and I see 37 post from QRP-L there.

On AOL I have ZERO for today

Appreciate any help/info.

Thanks

Bob

WA2HQrp <tm>

Date: Mon, 10 Dec 2001 15:12:54 -0500
From: "Ed Tanton" <n4xy@att.net>

To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "CW Reflector" <cw@qth.net>,
 "Homebrew Reflector" <homebrew@qth.net>
Subject: [114449] GDO I know of...
Message-ID: <011201c181b7\$0ddc3c60\$52ed5b0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There is a Heath HD-1250 Solid State GDO for sale that I know of...
apparently very nice condition... and the price is right. I'm NOT the
seller, but can send you to the right place. Email me for the specific
detail.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 10 Dec 2001 15:20:41 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [114450] Altoids tin dimensions?
Message-ID: <5.1.0.14.1.20011210151814.00a70590@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Can anyone give me the inside dimensions of a standard Altoids tin?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Dec 2001 15:21:18 -0500
From: "Rex Harper" <w1rex@megalink.net>
To: <qrp-1@lehigh.edu>
Subject: [114451] HB: Speaking of vintage tube qrp.....a couple of
stocking stuffers!
Message-ID: <008701c181b8\$3a9392c0\$0200a8c0@rex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Qrp Ganguer,

All this E-ing about tubes and QRP etc has forced me to reveal my
hidden stash deep down inside my QRP Junque Box Trailer....No time to kit
these babies up as I am already juggling too many irons on fire.....

Stocking Stuffer #1: A NIB NOS (that's new in box new old stock)...we are
talking antiques here....VT-204, 3C24 or Gammatron 24G glass tubes with the
corresponding ceramic bayonet socket (used but good) for building the sexy 1
bottle transmitter as featured in Dave Ingrams column in CQ a couple issues
back. These tubes are quite exotic with connections on all 3 sides?? I have
a limited number of sets (tube & socket) and I will part with them for
\$25.00 each CONUS ground. \$27.00 CONUS Priority (limit 1 set per call)

Stocking Stuffer #2: A NIB *bs* NOS (that's NOT in box *but still* new old
stock) VT164 / JAN 1619 metal tubes. These are 6L6 equivalents but with a
reduced filament of 2.5 Volts. These were bulk packed for the military and
used in a lot of portable radios. Have a bunch that I will sell for \$5.00
each CONUS ground or \$7.00 Priority.

Don't know how many of you are really into building a classic tube
transmitter but now is the time to pick up a tube just in case. Every
serious QRPer should have a least 1 radio in a tin and 1 that glows!

W1REX Rex Harper "The Tinman"

Date: Mon, 10 Dec 2001 15:29:19 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [114452] Re: Coax Antenna Question
Message-ID: <NFBBIILMKMIILGKAJMBLIELPCCAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<shamelessplugforaclubproject>
I wrote an article on this subject in the Fall, 2000 QRP Quarterly,
"Revisiting the Resonant Feed-line Dipole." It's reprinted in the new NOGA
QRP Compendium 2001, available now (<http://www.nogaqrp.org>).
</shamelessplugforaclubproject>

72 de Mike, K04WX

Date: Mon, 10 Dec 2001 15:43:28 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [114453] Re: Altoids tin dimensions?
Message-ID: <5.1.0.14.1.20011210153922.00a72bc0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:30 PM 12/10/2001 -0500, you wrote:
>On Mon, 10 Dec 2001, David Hinerman wrote:
>
> > Can anyone give me the inside dimensions of a standard Altoids tin?
>
>Just happen to have one on the desk 3 1/2"W x 2 1/8"D x 3/4"H

Chris,

Thank you. Turns out it's the same dimensions as the tin of Penguin mints
on my desk.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Dec 2001 20:58:44 +0000
From: euramcom pages <mel@euramcom.freesevice.co.uk>
To: <wd8civ@worldnet.att.net>
Cc: <qrp-1@lehigh.edu>
Subject: [114454] Re: Altoids tin dimensions?
Message-ID: <E16DXZC-00044a-00.2001-12-10-21-02-27@mail6.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 10 Dec 2001 15:20:41 -0500, David Hinerman wrote:

>Folks,
>
>Can anyone give me the inside dimensions of a standard Altoids=
tin?
>
>Dave
>
>-----
>Dave Hinerman
>WD8CIV@worldnet.att.net
>
>

Depends if you eat all the Altoids or not Dave,

(another one I couldn't resist)

Mel
GM6JAG
Edinburgh Scotland
Home of the last HW9

Date: Mon, 10 Dec 2001 16:21:02 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: "tmyers" <tmyers@AcademicPlanet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114455] Re: 160M QRP Times/Frequency?
Message-ID: <1011110162102.QAA11374@gate.iterated.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 12/6/01 11:12 PM, tmyers at tmyers@AcademicPlanet.com wrote:

>Is the FCC only honoring the ARRL BAND PLAN?

What do you mean.

If you read carefully what I wrote, it is very clear that band plans, such as the ARRL's do NOT have regulatory force.

However, in cases of WILLFUL INTERFERENCE, the FCC will tend to side with those operators who are in compliance with recognised bandplans.

>And if so how is this information getting to ALL hams?

Gosh, there were several news bits sent out by the ARRL on the new bandplan. It was discussed at length on several mailing lists. There were some enforcement articles published on the ARRL web site. I'm sure the new bandplan made QST at some point.

>I have looked several places and found different information. The 160M
>seems to be in a state of flux or is it some kind of power struggle?

No power struggle that I'm aware of. However, there's a long-established group of CW DXers on 160m. For the type of extremely weak-signal operation they do, they would like to keep some region of the band free from locally generated QRM.

The new bandplan seeks to do that. It moves digital operations low in the band (eg 1800-1810) and phone operations higher (1843-2000). That leaves a middle region relatively free of local cross-mode QRM.

It seemed to work out prett well for the CQWW SSB contest. The acid test will be the CQ 160 SSB -- which is coming up this winter (February?).

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 10 Dec 2001 16:26:18 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-1@lehigh.edu
Subject: [114456] Little boxes on the hillside
Message-ID: <5.1.0.14.1.20011210161844.00a685e0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Speaking of metal boxes, some of the local drug stores are carrying individual Whitman Sampler candies (4 pieces to a box) in metal tins instead of the usual cardboard box. Typical hinged-top tin, similar to an Altoids tin but bigger. Mine measures about 3 3/8 x 2 1/2 x 1 inside, with rounded corners as you would expect.

The part I like about this box is that it's possible to stand a 9V battery on its edge and still close the cover, instead of laying the battery flat as is done in the smaller tins.

I confess I was going to build a radio using Dan Tayloe's switching detector in one of these - since the Tayloe detector uses a sampling scheme, I thought it appropriate to package it in a Whitman Sampler box.

But it'll be a long time before I get the thing done, and as one of my many Marketing managers used to say, "a one-liner is a terrible thing to waste."

So let's stock up on chocolate and mints, and start burning up the ether one milliwatt at a time.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Dec 2001 13:55:30 -0800 (PST)
From: Michael Fletcher <kl7ixi@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114457] Re: Little boxes on the hillside
Message-ID: <20011210215530.49384.qmail@web10202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Whitman tin also seems to be a bit sturdier than the Altoid. I built a PK3 keyer into the Whitman tin and had plenty of room for the front mounted speed

pot, but I remember that it took more force for the single-hole punch to make the openings for plugs, pot, etc.

Oh yeah, it didn't take as long to empty the Whitman tin, compared to the Altoids.

72,

Mike KL7IXI/7

--- David Hinerman <WD8CIV@worldnet.att.net> wrote:

> Folks,

>

> Speaking of metal boxes, some of the local drug

> stores are carrying

> individual Whitman Sampler candies (4 pieces to a

> box) in metal tins

> instead of the usual cardboard box. Typical

> hinged-top tin, similar to an

> Altoids tin but bigger. Mine measures about 3 3/8 x

> 2 1/2 x 1 inside, with

> rounded corners as you would expect.

>

> The part I like about this box is that it's possible

> to stand a 9V battery

> on its edge and still close the cover, instead of

> laying the battery flat

> as is done in the smaller tins.

>

> I confess I was going to build a radio using Dan

> Tayloe's switching

> detector in one of these - since the Tayloe detector

> uses a sampling

> scheme, I thought it appropriate to package it in a

> Whitman Sampler box.

>

> But it'll be a long time before I get the thing

> done, and as one of my many

> Marketing managers used to say, "a one-liner is a

> terrible thing to waste."

>

> So let's stock up on chocolate and mints, and start

> burning up the ether

> one milliwatt at a time.

>

> Dave

>

> -----

> Dave Hinerman

> WD8CIV@worldnet.att.net

>

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Mon, 10 Dec 2001 17:08:20 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [114458] Re: [fpqrp] IM Madness!
Message-ID: <NFBBIILMKCMIIILGKAJMBLKEMACCAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pigs have to QLC (that's send with your other left clove...).

;-)

72 de Mike, K04WX
FP#298

Date: Mon, 10 Dec 2001 15:32:19 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: David Hinerman <WD8CIV@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114459] Re: Altoids tin dimensions?
Message-ID: <Pine.LNX.4.33.0112101531400.2641-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

About the size of 30 Altoids candy pills...:-)

On Mon, 10 Dec 2001, David Hinerman wrote:

> Folks,
>
> Can anyone give me the inside dimensions of a standard Altoids tin?
>

> Dave
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Mon, 10 Dec 2001 18:05:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w1rex@megalink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114460] Re: HB: Speaking of vintage tube qrp, a couple of further
thoughts
Message-ID: <3C153FBC.D73C9F90@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rex, and gang,

Thanks for opening your junkbox.

For those who want sources and I'd also like to add you can get older tubes and equipment from Antique Radio Supply in Arizona and Fair Radio Sales in Lima, Ohio. I have used both of these firms and find them a joy to work with. Fair Radio may actually have a few command sets left! They both stock tubes of all types and may also stock some power transformers.

Vintage QRP is alive and well. Also, note that depending on your definition of vintage, QST published a few early transistor rigs!

73

Date: Mon, 10 Dec 2001 17:16:50 -0600 (CST)
From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [114461] The Links of the Week
Message-ID: <3.0.16.20011210032519.0f2fa9e4@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This past week's links from my clipboard - enjoy...Rich

elmer 101
<http://www.xcvr.com/default.asp?view=elmer101>

caltech compendium on capacitor types and usage
<http://leonardo.eeug.caltech.edu/~ee14/lab1cds.html>

na5n's handymans guide to capacitors
<http://www.g4wif.fsnet.co.uk/na5n.pdf>

GQRP's SPRAT "pixie file"
<http://www.QRPp-I.com>

tuna tin II
<http://www.fix.net/~jparker/norcal/tunatin2/tunatin.htm>

ne qrp club noise bridge kit sneak peak
<http://smallwonderlabs.com/NB.pdf>

noise bridge circuits
<http://dj4br.virtualave.net/rauschbr.htm>
http://krasnodar.online.ru/hamradio/ftp/noise_bridge.pdf

minicircuits labs
<http://www.minicircuits.com/>

NIST (www/wwvb)
<http://www.boulder.nist.gov/timefreq/stations/www.html>

team vertical CQWW CW QRP story
http://www.elecrafter.com/DXpeditions/QRP_is.pdf

audio phase shift networks
<http://fermi.la.asu.edu/w9cf/articles/phase.pdf>

measure power output
<http://www.easystreet.com/~w7zoi/power.html>

Rich Dailey, KA80KH - Phyllis Dailey, KB4NPI
<<http://home1.gte.net/web22jfw/>>

Date: Mon, 10 Dec 2001 17:44:33 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [114462] First contact
Message-ID: <007701c181d4\$9ef21680\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW!... Last night (Rather 1:30am) I couldn't sleep. Got up, opened the CUB 15mtr kit, started building. At 4am, finished the job.
about 15 minutes ago, lined the rig up, powered it into the antenna, and with the night 1 watt, worked my first contact on the little Jewel. K7GJX.
These little Cubs are a great little rig.

73/72

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Mon, 10 Dec 2001 18:45:03 -0500
From: "Rex Harper" <w1rex@megalink.net>
To: <qrp-1@lehigh.edu>
Subject: [114463] HB: antique tubes & sockets
Message-ID: <010901c181d4\$b0dfee80\$0200a8c0@rex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Bruce points out that Antique Radio Supply and Fair Radio has these and other QRPable tubes. I checked out both these sites and Surplus Sales of

Nebraska to get some pricing.

Stocking

Stuffer #1

	Antique Radio	Fair Radio	Surplus Sales o'N
W1REX			
3C24 Tube	\$17.00	\$7.00	-
Socket	\$35.00	\$22.00	\$45.00

```
=====
                        $52.00          $29.00
$52.00                  $25.00
```

I guess I was pretty close to Fair Radio and I always like to be Fairer than Fair 8^)=) , so I will ship any stuffers ordered by Priority mail for the 25 bucks.

Merry Christmas!

W1REX Rex Harper "The Tinman"

Date: Mon, 10 Dec 2001 18:51:38 -0500
From: "Rex Harper" <w1rex@megalink.net>
To: <qrp-l@lehigh.edu>
Subject: [114464] HB: antique tubes....reformatted
Message-ID: <012301c181d5\$9c6d23e0\$0200a8c0@rex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Sorry about the formatting on that last post! For ease of reading, I am sending it again, but, formatted better (I hope).

Bruce points out that Antique Radio Supply and Fair Radio has these and other QRPable tubes. I checked out both these sites and Surplus Sales of Nebraska to get some pricing.

Stocking Stuffer #1

	Antique Radio	Fair Radio	Surplus Sales	W1REX
3C24	\$17.00	\$7.00		-
Socket	\$35.00	\$22.00	\$45.00	

```

=====
                $52.00                $29.00                $52.00
$25.00

```

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Merry Christmas!

W1REX Rex Harper "The Tinman"

End of QRP-L Digest 2401
